



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of)
ITO et al.) **Art Unit 2652**
Application Number: 10/677,290)
Filed: October 3, 2003)
For: MAGNETORESISTIVE MAGNETIC SENSOR)
AND MAGNETIC STORAGE APPARATUS)
Attorney Docket No. HITA.0442)
Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

COVER LETTER

Sir:

The fee for submission of claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS PAID	RATE	CALCULATION
Total Claims	17	14	-XX (Over 20)	x \$18	0
Independent Claims	3	3	-XX (Over 3)	x \$88	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$300	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				x ½	
				TOTAL	0.00

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

Response to Office Action
(with Claim Amendments)
 Substitute Specification
 Preliminary Amendment
 Other _____

Petition for Extension of Time
 Terminal Disclaimer
 Letter to Draftsperson
 Assignment
 Petition under _____

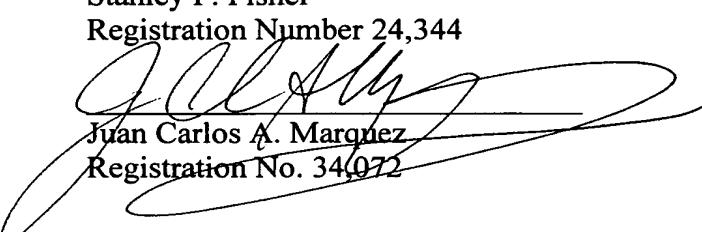
Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the fees for . A duplicate copy of this paper is enclosed.

A check in the amount of **\$110.00** to cover the Terminal Disclaimer fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees associated with this communication, including fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher
Registration Number 24,344


Juan Carlos A. Marquez
Registration No. 34,072

REED SMITH LLP
3110 Fairview Park Drive
Suite 1400
Falls Church, Virginia 22042
(703) 641-4200
November 24, 2004